



UNITED STATES PATENT AND TRADEMARK OFFICE

Filing date: October 10, 2000
Inventors: Nower et al.
Title: Accelerometer Based Angular Position Sensor
Serial Number: 09/685,317
Examiner: Tung S. Lau
Group Art Unit: 2863
Attorney docket: 53199.US

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AMENDMENT C

Box Amendment
Assistant Commissioner for Patents
Washington DC 20231

Sir:

In response to the office action dated November 18, 2002, applicants respond as follows.

IN THE CLAIMS

Please amend the claims as follows:

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Claim 11. (Twice Amended) In an alignment system for aligning a centerline of a first shaft with a centerline of a second shaft, the shaft alignment system including an analyzer having memory, a mounting bracket having engagement surfaces for engaging the first shaft and securing the bracket to the first shaft, a sensor head having a facing surface and a rear surface in opposing relation disposed on the mounting bracket and extending in a substantially perpendicular orientation with respect to the centerline of the first shaft, a collimated light source mounted on the sensor head for transmitting a beam of energy in a direction that is substantially parallel to the first shaft, and a photosensitive sensor mounted on the sensor head for sensing light and generating a position signal corresponding to a position of a light beam impinging upon the photosensitive sensor, an angular position sensing apparatus comprising:

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